

GAME NO. 623  
APRIL 1977

# **MIDWAY'S GUIDED MISSILE PARTS CATALOG**



**MIDWAY MFG. CO.**

A BALLY COMPANY

10750 WEST GRAND AVENUE  
FRANKLIN PARK, ILLINOIS 60131  
U.S.A.

PHONE: (312) 451-1360    CABLE ADDRESS: MIDCO    TELEX NO.: 72-1596

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## **GENERAL INSTRUCTIONS FOR "GUIDED MISSILE"**

### **INSTALLATION:**

1. Remove shipping cleats located on the bottom of the cabinet.
2. Install 4 provided leg levelers to bottom of cabinet and level.
3. The power is controlled by a switch located on top of the cabinet. Plug into A.C. only 115 volts, 60 cycles. In low line areas (105 volts or less) a boost in the output voltage of the transformer may be obtained by removing the wire from the 115 volt tap of the transformer and rewiring to the 105 volt position.

### **VOLTAGE CONTROL POTS:**

Located on Power Supply Board (P.C. 0080-009004D) and are preset at the factory. These pots should not be tampered with unless the Distributor Service Department is contacted.

### **VOLUME CONTROL POT:**

Located on Game Logic Board (P.C. 0623-00907A) raises or lowers all sounds and may be adjusted as desired.

### **WARNING**

**THIS GAME MUST BE GROUNDED. FAILURE TO DO SO MAY RESULT IN DESTRUCTION TO ELECTRONIC COMPONENTS.**

## **METHOD OF PLAY, TIME AND EXTENDED PLAY ADJUSTMENT SWITCHES:**

Located on Game Logic Board (P.C. 0623-00907A) and may be adjusted as indicated on separate instruction sheet in back box area.

### **METHOD OF PLAY ADJUSTMENTS**

	SW. #1	SW. #2
1 COIN – 1 PLAYER		
2 COINS – 2 PLAYERS	OFF	OFF
1 COIN – 1 PLAYER		
1 COIN – 2 PLAYERS	ON	OFF
2 COINS – 1 PLAYER		
2 COINS – 2 PLAYERS	ON	ON
2 COINS – 1 PLAYER		
4 COINS – 2 PLAYERS	OFF	ON

### **TIME ADJUSTMENTS**

	SW #3	SW. #4
60 SECONDS	ON	ON
70 SECONDS	ON	OFF
80 SECONDS	OFF	ON
90 SECONDS	OFF	OFF

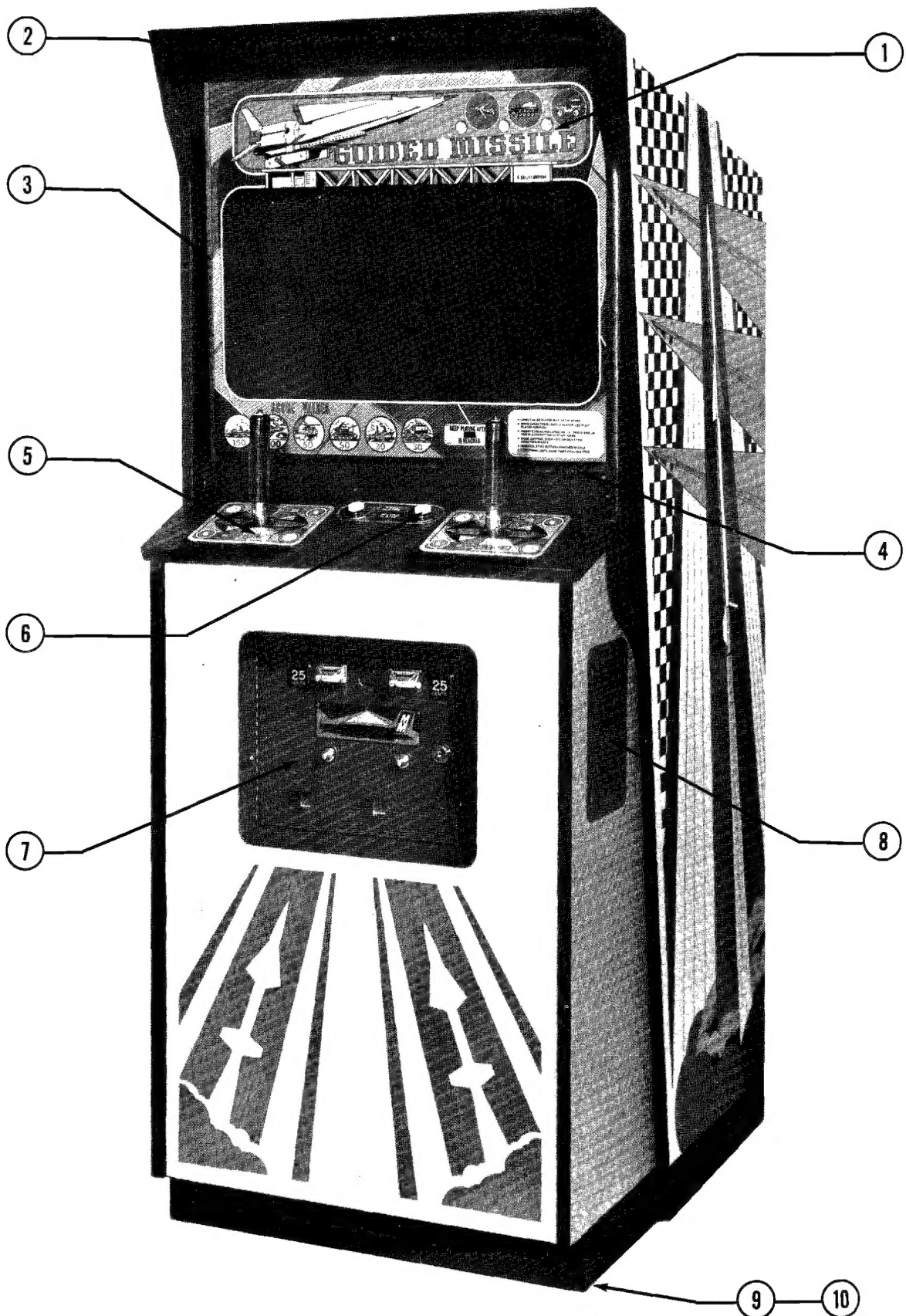
### **SCORE ADJUSTMENTS**

EXTENDED PLAY AT:	SW #5	SW. #6
500	ON	ON
700	ON	OFF
1000	OFF	ON
1300	OFF	OFF

### **TEST-PLAY**

	SW #8
TEST (RAM/ROM)	ON
PLAY MODE	OFF

# **NO. 623 GUIDED MISSILE (PICTURE)**



**NO. 623 GUIDED MISSILE (PICTURE)**

**ORDER BY PART NUMBER ONLY**      Page 1 of 2

ITEM	PART NO	DESCRIPTION
1	0623-00901-01SC	DISPLAY PLEX
2	0537-00903-1500	GLASS CHANNEL – 24¼" LONG
3	0537-00903-2900	GLASS CHANNEL – 21 5/8" LONG (2 REQD.)
4	0537-00138-0000	GLASS LIFT CHANNEL – 24" LONG
5	A623-00004-0000	CONTROL SHELF ASSY.
6	A612-00006-0000	PUSH BUTTON ASSY.
	0017-00009-0384	BUTTON (2 REQD.)
	0612-00908-0000	HOUSING (2 REQD.)
	0010-00242-0000	SPRING (2 REQD.)
	0017-00004-0028	FLAT WASHER (2 REQD.)
	0017-00100-0025	"E" - RING (2 REQD.)
	0017-00103-0054	PALNUT (2 REQD.)
7	A090-00020-02BR	DOUBLE ENTRY COIN DOOR ASSY. (SEE SEPARATE ILLUSTRATION)
8	0017-00003-0187	SPEAKER (2 REQD.)
	0017-00009-0393	GRILL & HARDWARE (2 REQD.)
	0017-00101-0642	#8-32 x 1½ LARGE CARRIAGE BOLT MACHINE SCREW (8 REQD.)
9	0017-00102-0048	LEG LEVELERS (4 REQD.)
10	0017-00103-0026	LEG LEVELER NUTS (4 REQD.)
		<u>NOT SHOWN LIST</u>
	0623-00900-00SC	VACUUM FORMED BACKGROUND SCENERY
	0623-00904-00SC	SIDE SCENERY CARD - LEFT
	0623-00904-01SC	SIDE SCENERY CARD - RIGHT
	0623-00902-0000	TRANSPARENT MIRROR - 24-3/4" x 21-7/16
	0017-00003-0189	23" MOTOROLA MONITOR
	0017-00101-0637	#8-32x1" CARRIAGE BOLT(4-MONITOR 4-CHASSIS)
	0161-00100-0000	T.V. MTG. WASHER (4 REQD.)
	0017-00103-0008	#8-32 HEX NUTS (4 REQD. MONITOR - 4 REQD. CHASSIS)
	0017-00104-0022	STL WASHER (4 REQD.)
	0161-00002-0000	DAG SPRING ASSY.
	3000-17155-0000	GROUND STRAP
	0592-00104-0100	CHASSIS MTG. BRKT. – RIGHT HAND
	0592-00104-0200	CHASSIS MTG. BRKT. – LEFT HAND

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**NO. 623 GUIDED MISSILE (PICTURE)**

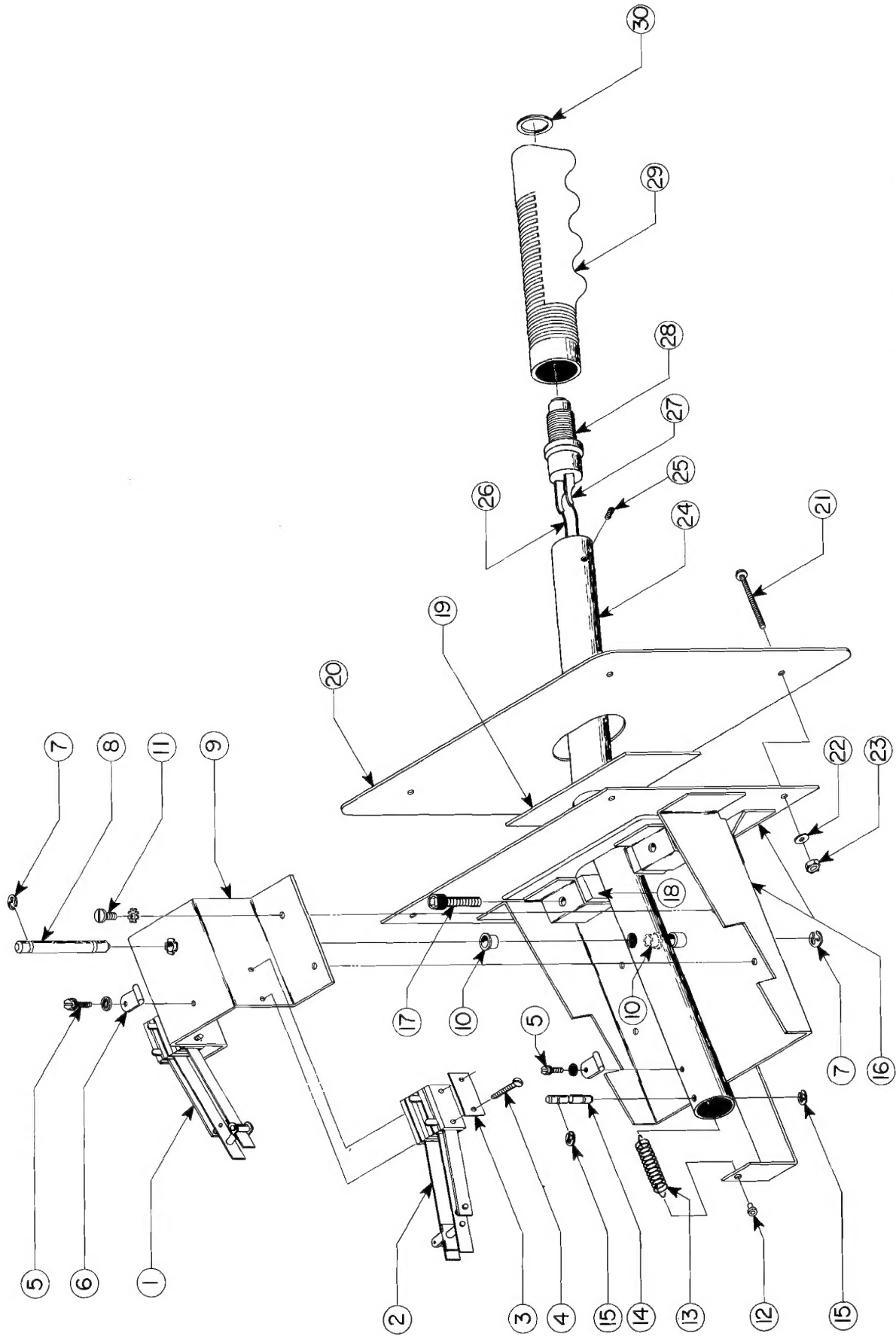
***ORDER BY PART NUMBER ONLY***

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ITEM	PART NO	DESCRIPTION
		<u>NOT SHOWN LIST CONTINUED</u>
	0605-00108-0000	GLASS LOCK EXTENSION (2 REQD.)
	0623-00111-0000	GLASS LOCK BRKTS. (2 REQD.)
	0017-00009-0009	TURN BUTTON (2 REQD.)
	0605-00908-0000	CARDBOARD TUBE MASK
	A619-00005-0000	UPPER BACK DOOR W/LOCK ASSY.
	A612-00009-0000	BOTTOM BACK DOOR W/LOCK ASSY.
	A097-00001-0000	LOCK ASSY. (2 REQD.)
	0017-00005-0046	LOCK (2 REQD.)
	0017-00005-0051	LOCK PLATE (2 REQD.)
	0017-00005-0042	CAM (2 REQD.)
	0017-00101-0017	6x1/2 HEX HD. WD. BLK. SEMS.(4 REQD.)
	0017-00031-0002	SOCKETS (5 REQD.)
	0017-00003-0052	LAMPS (5 REQD.)
	0567-00106-0100	S.W. MTG. PLATE
	0586-00036-0000	ON-OFF SWITCH

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# NO. 623 GUIDED MISSILE -- RIGHT CONTROL HANDLE ASSY.



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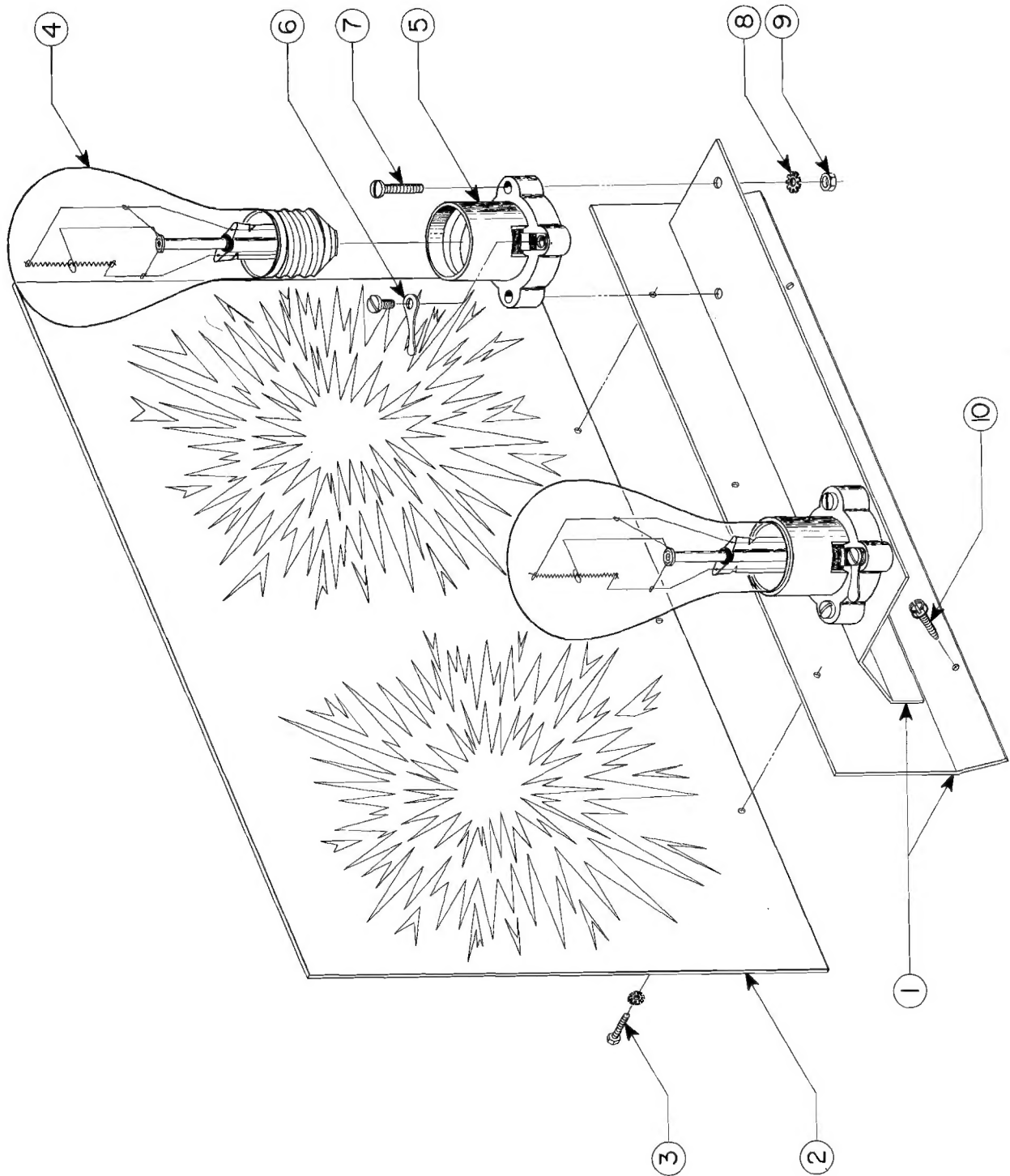


**NO. 623 GUIDED MISSILE – RIGHT CONTROL HANDLE ASSY.**

***ORDER BY PART NUMBER ONLY***

<b>ITEM</b>	<b>PART NO</b>	<b>DESCRIPTION</b>
1	0571-00004-0000	SWITCH ASSEMBLY – LEFT
2	0571-00004-0100	SWITCH ASSEMBLY – RIGHT
3	0020-00202-0000	SWITCH PLATE (2 REQD.)
4	0017-00101-0528	#5-40 x 3/4 RD. HD. M. S. (4 REQD.)
5	0017-00101-0555	#6-32 x 5/16" SLT. HEX. HD. S.T.S.(2 REQD.)
6	0017-00042-0001	1/8 CLAMP (2 REQD.)
7	0017-00100-0025	"E" RING (2 REQD.)
8	0623-00702-0000	PIVOT PIN
9	0623-00008-0000	BRKT. & BUSHING SUB. ASSY.
10	0017-00042-0165	NYLINER (2 REQD.)
11	0017-00101-0646	#10-32 x 1/4 SLT. PAN.HD.S.E.M.(4 REQD.)
12	0017-00042-0115	INSULATOR
13	0010-00248-0000	EXTENSION SPRING
14	0623-00703-0000	SPRING PIN
15	0017-00100-0018	"E" RING (2 REQD.)
16	A623-00007-0000	CONTROL ASSEMBLY
17	0017-00102-0065	5/16 - 18 SOCKET HD. CAP SCREW(2 REQD.)
18	0544-00907-0000	RUBBER BUMPER (2 REQD.)
19	0623-00903-0000	SLIDE
20	0623-00100-00SC	DECORATIVE PLATE – RIGHT
	0623-00100-01SC	DECORATIVE PLATE – LEFT (NOT SHOWN)
21	0017-00101-0639	#8-32 x 1-1/4 CARRIAGE BOLT (4 REQD.)
22	0017-00104-0022	#8 WASHER (4 REQD.)
23	0017-00103-0008	#8-32 HEX NUT (4 REQD.)
24	0623-00700-0000	HANDLE TUBE
25	0017-00101-0307	#8-32 x 1/8 SET SCREW (2 REQD.)
26	0017-00033-0167	WIRE LEADS (2 REQD.)
27	0623-00911-0000	SHRINK TUBING (2 REQD.)
28	0017-00032-0004	PUSH BUTTON SWITCH
29	0586-00921-0000	GRIP
30	0017-00021-0009	15/32-32 NUT
	A623-00009-0000	RIGHT HAND CONTROL ASSY. – COMPLETE
	A623-00010-0000	LEFT HAND CONTROL ASSY. – COMPLETE
	0017-00001-0066	#1 WIRE NUT (NOT SHOWN)

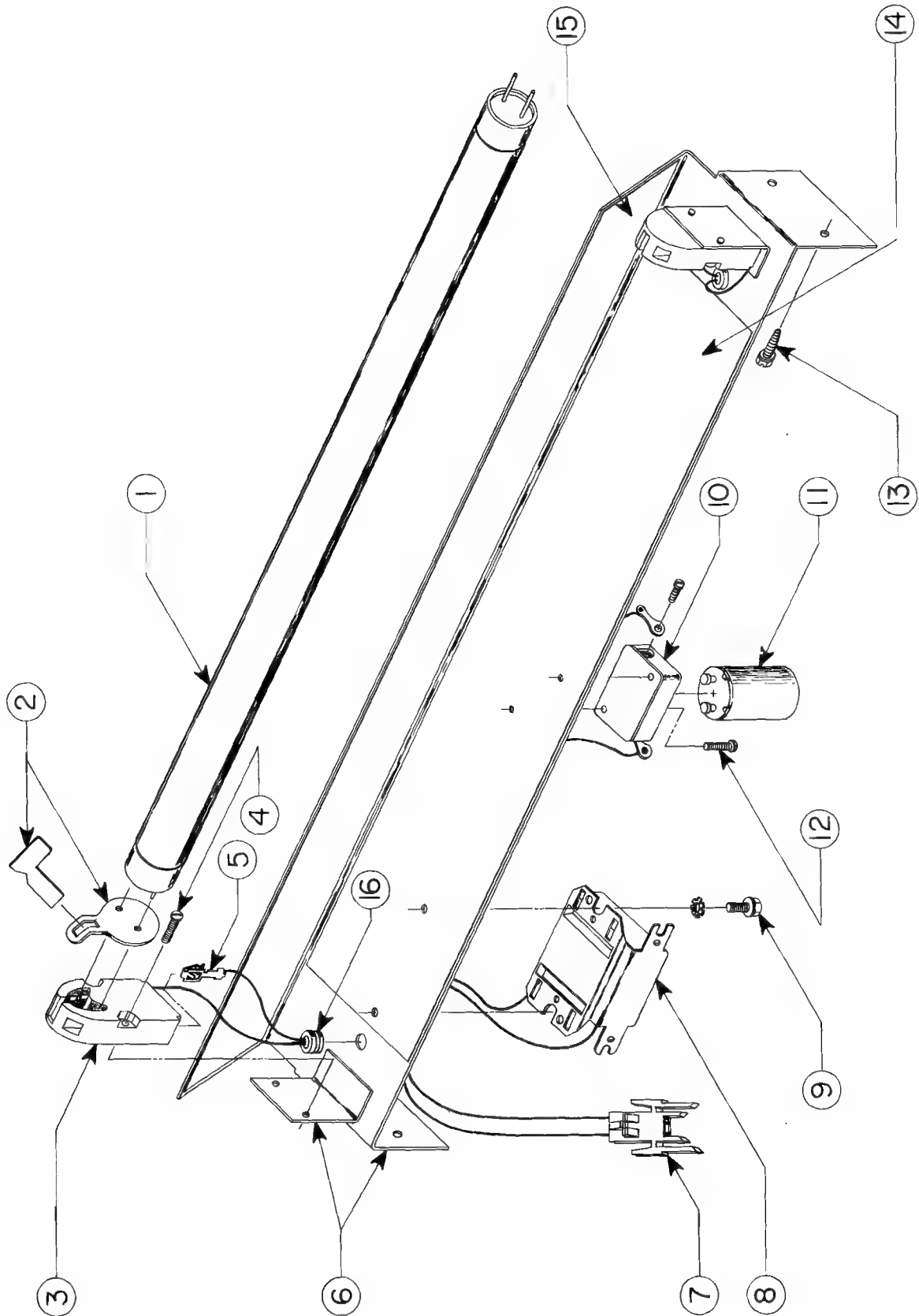
**NO. 623 GUIDED MISSILE EXPLOSION LAMP ASSY.**



**NO. 623 GUIDED MISSILE EXPLOSION LAMP ASSY.*****ORDER BY PART NUMBER ONLY***

<b>ITEM</b>	<b>PART NO</b>	<b>DESCRIPTION</b>
1	A623-00011-0000	EXPLOSION LAMP WELDING ASSY.
2	0623-00909-00SC	EXPLOSION BUYTRATE
3	0017-00101-0555	#6-32 x 5/16 HEX HD. S/T M. S. (3)
4	0017-00003-0170	PROJECTOR LAMP – 100W CLEAR (2)
5	0017-00003-0135	LAMP SOCKET (2 REQD.)
6	0017-00021-0002	SOLDER LUGS (4 REQD.)
7	0017-00101-0626	#8-32 x ¾ PAN HD. MACH. SCREW (4)
8	0017-00104-0010	#8 EXTERNAL SHAKE-PROOF WASHER (4)
9	0017-00103-0008	#8-32 HEX NUT (4 REQD.)
10	0017-00101-0017	6 x ½ HEX HD. W/W BLK. S.M.S. (2 REQD.)
	0017-00021-0098	3 POSITION TERM. JACK - FEMALE (NOT SHOWN)
	A623-00012-0000	EXPLOSION LAMP ASSY. – COMPLETE

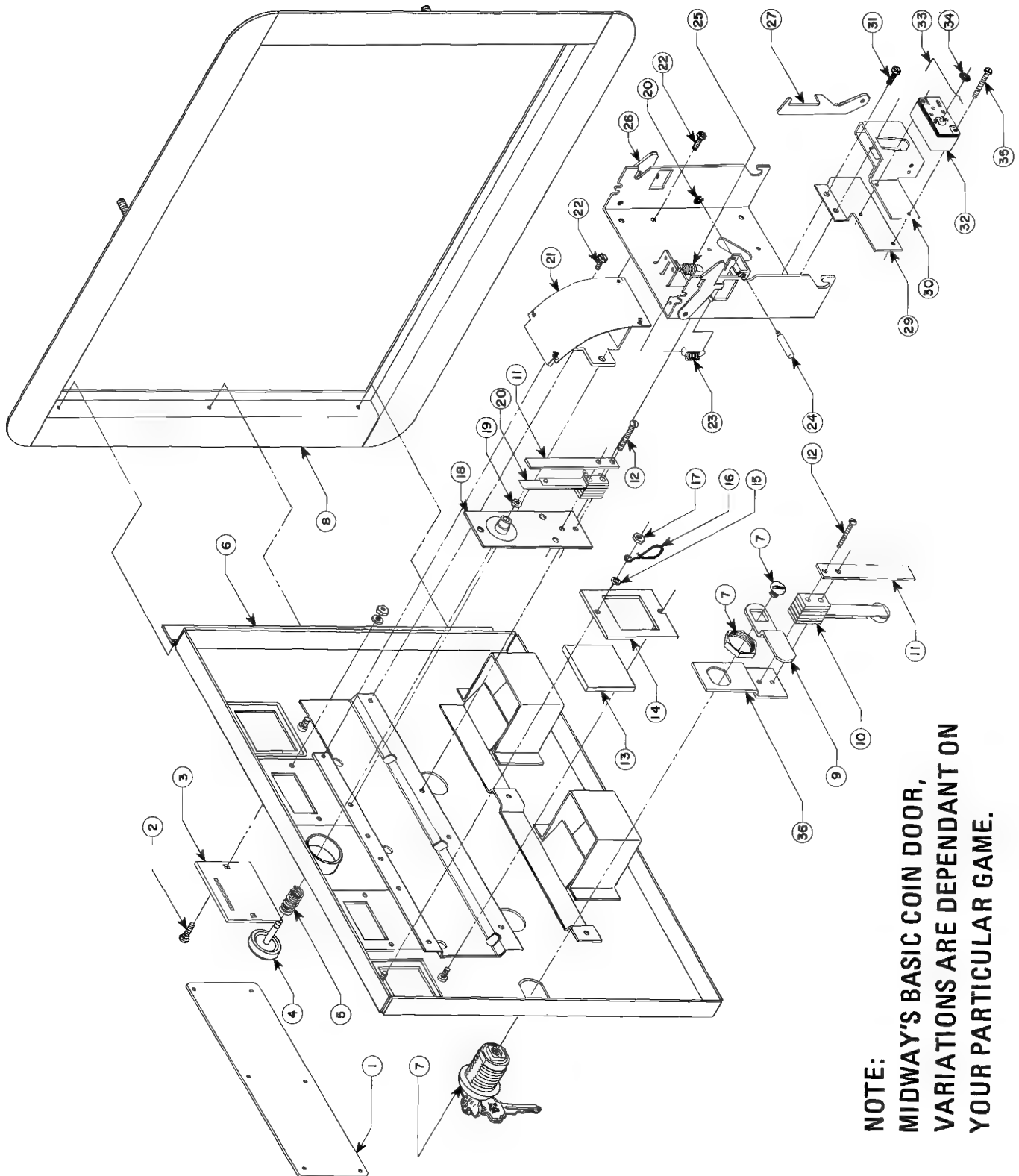
# NO. 623 GUIDED MISSILE - FLUORESCENT FIXTURE ASSY.



**NO. 623 GUIDED MISSILE – FLUORESCENT FIXTURE ASSY.*****ORDER BY PART NUMBER ONLY***

<b>ITEM</b>	<b>PART NO</b>	<b>DESCRIPTION</b>
1	0017-00003-0110	24" FLUORESCENT LAMP
2	0017-00021-0005	FLUOR. LOCKS (2 REQD.)
3	0017-00031-0015	LAMP HOLDERS (2 REQD.)
4	0017-00101-0521	#5-40 x 3/8 BINDER HD. M.S. (4 REQD.)
5	0017-00021-0078	BRASS FLUORESCENT TERM (4)
6	0605-00007-0000	FLUORESCENT BRKT. ASSY.
7	0017-00021-0096	2 TERMINAL JACK - FEMALE
8	0017-00003-0026	BALLAST
9	0017-00101-0593	#8-32 x ¼ PAN HD. EXT. SEM. M.S. (2)
10	0017-00021-0079	STARTER HOLDER
11	0017-00003-0019	STARTER
12	0017-00101-0528	#5-40 x 3/4 RHMS (2 REQD.)
13	0017-00101-0017	6 x ½ HEX. HD. W/W BLK. S.M.S. (4)
14	0605-00910-0100	REFLECTOR STRIP - 21¼" LONG
15	0605-00910-0200	REFLECTOR STRIP - 24½" LONG
16	0017-00041-0013	GROMMETS (2 REQD.)
	0605-00010-0000	FLUORESCENT FIXTURE ASSY. – COMPLETE

# **NO. 623 GUIDED MISSILE FRONT DOOR ASSY.**



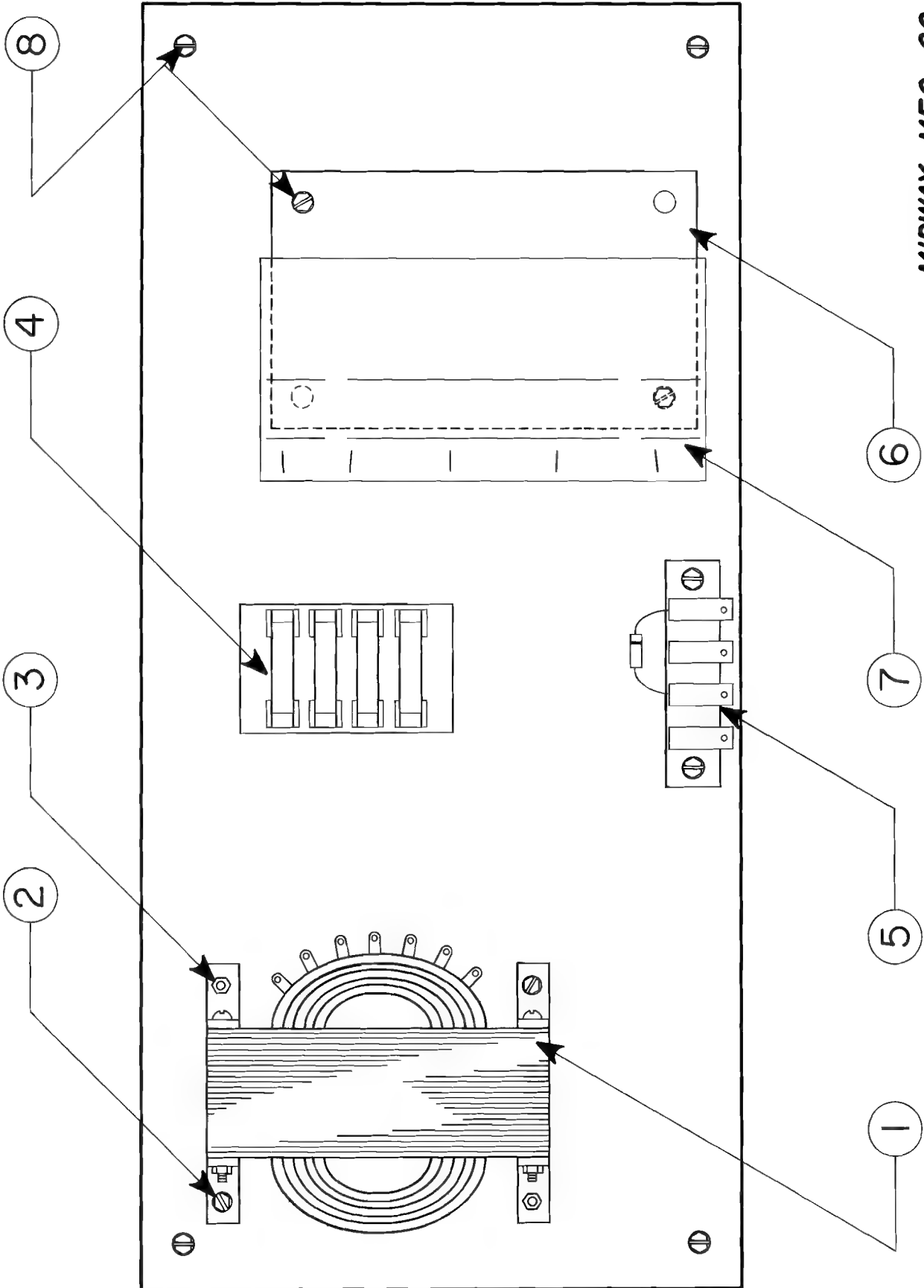
**NOTE:**  
MIDWAY'S BASIC COIN DOOR,  
VARIATIONS ARE DEPENDANT ON  
YOUR PARTICULAR GAME.

**NO. 623 GUIDED MISSILE FRONT DOOR ASSY.**

***ORDER BY PART NUMBER ONLY***

<b>ITEM</b>	<b>PART NO</b>	<b>DESCRIPTION</b>
1	0090-00902-0000 0090-00902-0100	DRESS PLATE DRESS PLATE (W/O PRESS BUTTON TO START GAME)
2	0017-00101-0552	6-32 x 1/4 CARRIAGE BOLT (2)
3	0090-00117-0003	COIN ENTRY PLATE (25¢)
4	0090-00906-0000	PLASTIC START BUTTON
5	0010-00007-0000	COMPRESSION SPRING
6	0090-00013-0200	DOOR ASSY. DOUBLE ENTRY
7	0017-00005-0050	DOOR LOCK & KEY WITH SCREW & NUT
8	0090-00002-02BR	DOUBLE DOOR FRAME
9	0017-00005-0041	421 N.S. CAM
10	0090-00901-0000	DOOR SWITCH
11	0090-00126-012N	SWITCH BACKUP PLATE
12	0017-00101-0528	5-40 x 3/4" LNG. M.S.
13	0090-00903-0040	25¢ WINDOW
14	0090-00143-0000	COIN PLEX RETAINER
15	0017-00104-0002	SPLIT LOCK WASHER
16	0017-00007-0019	KEY HOOK
17	0017-00103-0005	6-32 HEX NUT
18	0090-00010-0000	SW. PLATE & OILLITE ASSY.
19	0017-00100-0018	"E" RING
20	0090-00131-0000	SWITCH
21	0090-00104-0000	TOP & BTM. COIN CHUTE W/BRKT. ASSY.
22	0017-00101-0598	8-32 x 5/16 SCREW
23	0010-00181-0100	SPRING
24	0090-00129-0000	PIVOT POST
25	0010-00134-0000	SPRING
26	0090-00008-0000	ACCEPTOR FRAME ASSY.
27	0093-00155-0000	REJECTOR LEVER
28	0017-00100-0012	"E" RING
29	0093-00151-0000	COIN GUIDE MTG. BRACKET
30	0090-00005-0000	COIN GUIDE ASSY.
31	0017-00101-0555	6-32 x 5/16 SCREW
32	0017-00005-0039	COIN SWITCH
33	0010-00557-0025	TRIP WIRE
34	0017-00007-0132	PUSH-ON RING (BIK)
35	0017-00101-0507	#4-36 x 3/4 SCREW

# NO. 623 GUIDED MISSILE TRANSFORMER BOARD ASSY.



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**NO. 623 GUIDED MISSILE TRANSFORMER BOARD ASSY.*****ORDER BY PART NUMBER ONLY***

<b>ITEM</b>	<b>PART N<sup>o</sup></b>	<b>DESCRIPTION</b>
1	MT00-00058-0000	TRANSFORMER
2	0017-00101-0017	6 x ½ HEX HD. S.M.S. (6 REQD.)
3	0017-00101-0692	CARRIAGE BOLTS (2 REQD.)
4	0720-00001-0000	FUSE BLOCK ASSY.
5	0031-00001-0000	TERMINAL STRIP ASSY.
6	0623-00910-0800	EXPLOSION LIGHT P.C. BRD.
7	0623-00912-0000	FISH PAPER
8	0017-00101-0028	8 x ¾ HEX HD. S.M.S. (6 REQD.)
	0017-00003-0064	LINE CORD (NOT SHOWN)
	A623-00016-0000	TRANSFORMER BRD. ASSY. - COMPLETE

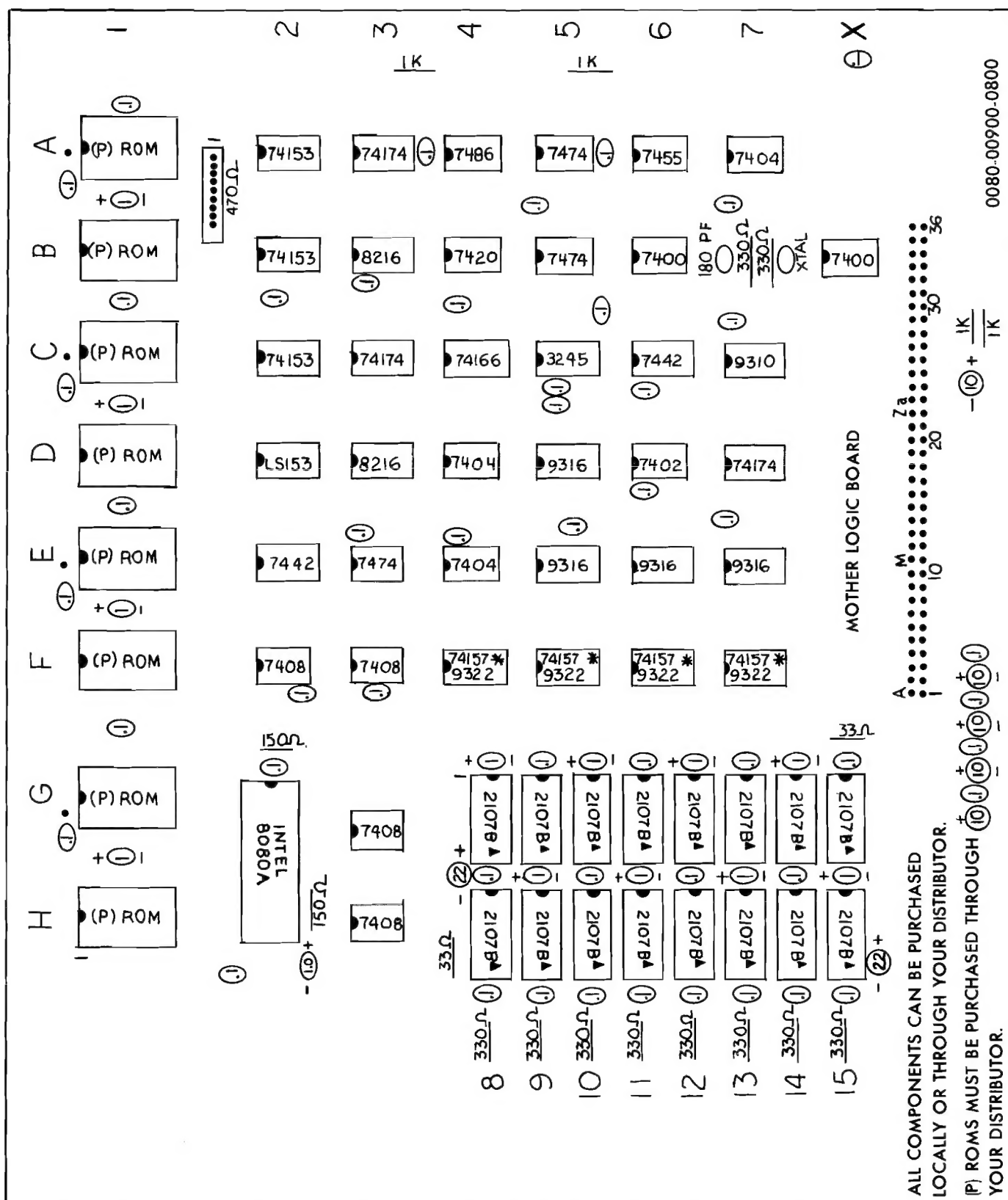
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**NO. 623 GUIDED MISSILE – ADDITIONAL PARTS LIST**

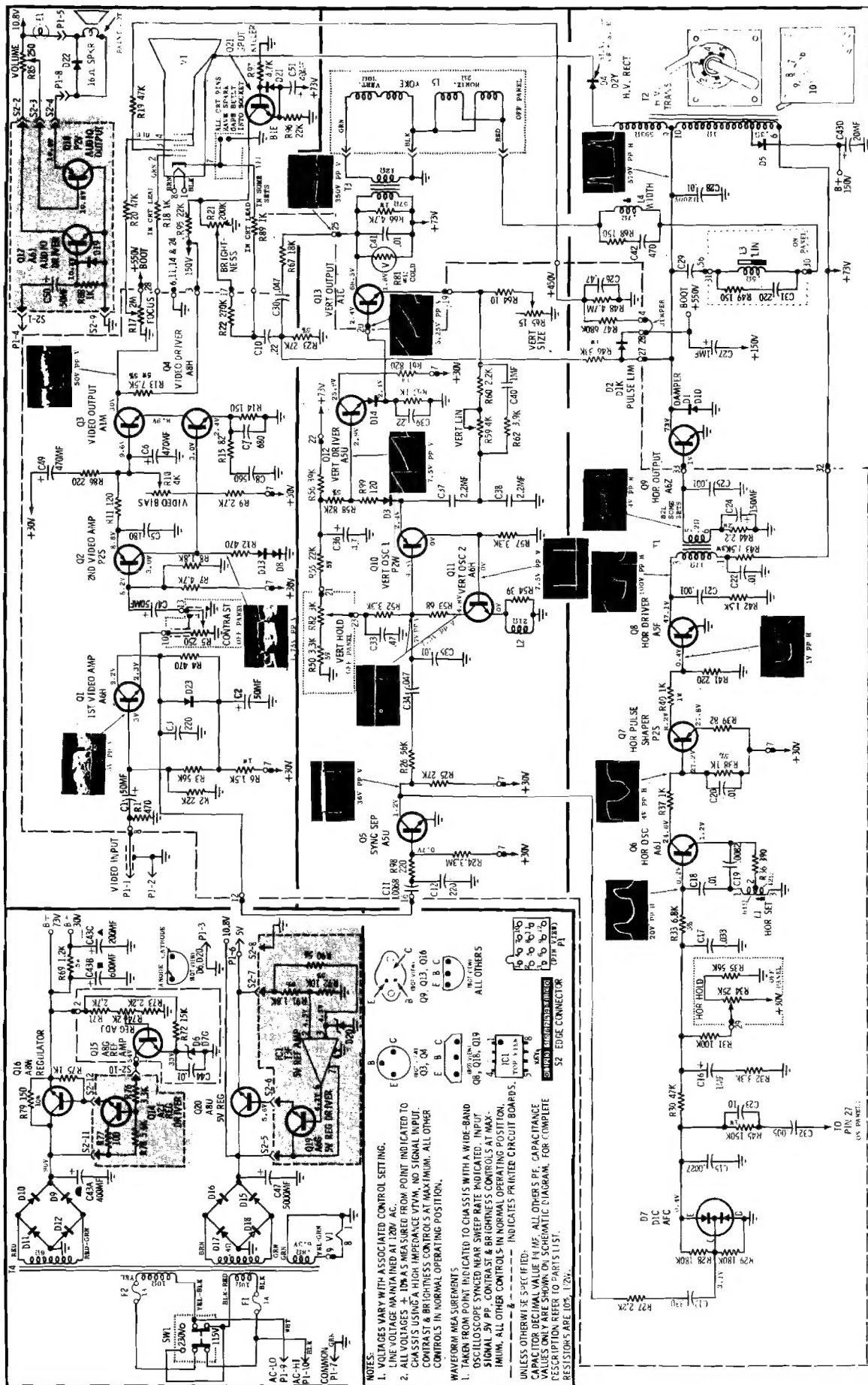
*ORDER BY PART NUMBER ONLY*

ITEM	PART NO	DESCRIPTION
	A623-00010-0000	CASH BOX ASSY.
	A623-00013-0000	CASH BOX COVER ASSY.
	A623-00014-0000	SIDE CHANNEL RIVETING ASSY.
	0623-00108-0100	CASH BOX SIDE CHANNELS
	0017-00101-0628	#8-32 x 3/4 CARRIAGE BOLTS (4 REQD.)
	0017-00104-0022	STEEL WASHER (4 REQD.)
	0017-00103-0008	#8-32 HEX NUTS (4 REQD.)
	0572-00103-0000	VENT GRILL (2 REQD.)
	0605-00107-0000	FISH PAPER BARRIER
	A567-00003-0100	P. C. SUPPORT BRKT. ASSY.
	0623-00906-0300	P. C. SUPPORT BRKTS. (3 REQD.)
	0017-00101-0025	8 x 1/2 HEX HD. WD. SCR. (8 REQD.)
	0080-00904-D000	POWER SUPPLY ASSY.
	A623-00005-0000	MOTHER & GAME BRD. ASSY.
	0080-00900-E000	MOTHER BOARD ASSY.
	A623-00907-0800	GAME BOARD ASSY.









Schematic Diagram  
XM-702-10